INDEX.

A

Abbe, mean temperatures of the surface of the moon, earth and other planets, 68
"Aerogram," 359
Air, nuclei in dust-free wet, 67, 70
Alcohol, the production of synthetic, 67, 117
American Philosophical Society, early French members of the, 66, 87
Analogies between the colonization of Ireland and Virginia, 65
Aransas Pass, history of, to date, 360
Arbitration, the proposed international tribunal of, of 1623, 300, 302
Arran'da language, 322
Astronomical photography with a portrait lens, 68, 417

B

Balch, the proposed international tribunal of arbitration of 1623, 300, 302
Barnard, astronomical photography, 68, 417
Barus, nuclei in dust-free wet air, 67, 70
Blum and Smith, cathodic precipitation of carbon, 1, 59
Brooks, delegate to Seventh International Zoological Congress, 300
Brumbaugh, scope and possibilities of a municipal school system, 65
Butler, the Princeton University Archæological Expedition to Syria, 67, 182

C

Calvert, mating habits of dragonflies, 301
Carbon, the cathodic precipitation of, 1, 59
Chauvin (Chauvinisme-Calvin, Cauvin): truth and fiction in the story of its origin, 66
Cheyney, analogies between the colonization of Ireland and Virginia, 65
—— the Roman Wall in Britain, 63
Chicago Historical Society, invitation to its fiftieth anniversary, 63
Columbium, new derivatives of, 301
Conklin, delegate to Seventh International Zoological Congress, 300
Conservative system with prescribed trajections, 68
Continental development, 68
Crandall, geology of the San Francisco Peninsula, 1, 3

D

Donaldson, delegate to Seventh International Zoological Congress, 300
—— growth of the albino rat as compared with the growth of man, 359
Doolittle (Eric), two remarkable double stars, 69
Dragon-flies, mating habits of, 301

E

Earth, temperature, secular cooling and contraction of the, 67, 191
Earthquakes and mountain formation, new theory of, 359, 369
Edsall, occupational poisoning, 64
Election of Officers and Councillors, 1, 2
Electrolysis, new results in, 340, 341
Elizabethan and Jacobian college dramas, 66
Elliott (Chauvinisme-Calvin, Cauvin): truth and fiction in the story of its origin, 66
Ewell, preliminary study of some modern micrometers, 66, 187

F

Farr, the stercornithes, or fossil birds of Patagonia, 67
Flax retting, bacteriology of, 66
Franklin plaques, presentation of, 63
French members of the American Philosophical Society, early, 66

G

Geology of the San Francisco Peninsula, 1, 3
Groups of orders two and four, 67

H

Harjes, bronze plaques presented by, 63
Harshberger, delegate to the N. Y. Acad. of Science's celebration of the two hundredth anniversary of the birth of Linnæus, 300
—— taxonomic charts of the monocotyledons and the dicotyledons, 66, 313
Haupt (Paul), Jonah's whale, 68, 151
Haupt (L. M.), transportation crisis, 67, 171
—— history of Aransas Pass to date, 360
Houston, "aerogram," 359

I

International Zoological Congress, Seventh, invitation from the, 63, 300
Ireland and Virginia, analogies between the colonization of, 65
Isthmian Canal, progress of the, 67, 124

J

Jastrow, the liver as the seat of the soul, 66
Jonah's whale, 68, 151
Judgment of distance, 66, 94

K

Keen, delegate to University of Upsal's celebration of the two hundredth anniversary of the birth of Linnæus, 63
Kollock and Smith, new results in electrolysis, 340, 341
Kraemer, plant nutriments, 66

L

Lamberton, walking on the sea, 66, 80
Language of the Birdhawal tribe in Gippsland, Victoria, 340, 346
Languages of some tribes of Western Australia, 360, 361
Latitude observations, 68, 165
Learned, "Pastorius," 359
—— Pennsylvania at the Jamestown Exposition, 62
Linnæus, two hundredth anniversary of the birth of, 63, 300
Liver as the seat of the soul, 66
Lovett, conservative systems with prescribed trajections, 68

M

Macfarlane, East Indian pitcher plants or nepenthes, 301
Magie, the association theory of solutions, 67, 138
Mammals, restorations of Santa Cruz, 67
Mason, action of water upon metals, 66, 110
Mathews, Arran'da language, 322
—— language of the Burdhawal tribe in Gippsland, Victoria, 340, 346
—— languages of some tribes of Western Australia, 360, 361
Meeting, General, 65
—— Stated, 1, 62, 63, 64, 65, 300, 301, 340, 359, 360
Members, deceased:
Agassiz, Mrs. Elizabeth, 340
Bache, Richard Meade, 340
Berthelot, Marcelin Pierre-Eugène, 65
Brinton, John H., 65
Cassatt, Alex. J., 1
Foster, Sir Michael, 63
Gatschet, Albert S., 65
Hall, Asaph, 360
Heilprin, Angelo, 340
Kelvin, Right Hon. Lord, 360
La Roche, C. Percy, 64
Mendeleff, Dmitri Ivanovitch, 64
Packard, John H., 340
Pomialowsky, John, 340
Réville, Albert, 301
Smyth, Albert H., 301
Thomson, William, 340
Wurts, Charles Stewart, 340
—— elected:
Becker, George Ferdinand, 68
Davenport, Charles Benedict, 68
D'Estournelles de Constant, Baron, 68
Foster, George Carey, 68
Gooch, Frank Austin, 68
Griffith, J. P. Crozer, 68
Jennings, Herbert Spencer, 68
Jusserand, J. J., 68
Kapteyn, John C., 68
McMurrich, James Playfair, 68
Mark, Edward Laurens, 68
Moore, John Bassett, 68
Nipher, Francis Eugene, 68
Richards, Horace Clark, 68
Rolfe, John C., 68
Smith, Allen J., 68
Turner, Sir William, 68
—— presented, 300, 301
Membership accepted, 64, 300, 301

Michelson, delegate to fiftieth anniversary of Chicago Historical Society, 63
Michigan Agricultural College, invitation to its fiftieth anniversary, '64
Micrometers, some modern, 66, 187
Miller, groups of orders two and four, 67, 146
Monocotyledons and dicotyledons, charts of the, 66, 313
Montgomery, reproduction, animal life cycles and the biological unit, 62
Moon, earth and other planets, mean temperatures of the surface of the, 68
Moore, bacteriology of flax retting, 66
Mosquitoes as bearers of disease, 64

N

Newcomb, correlations among terrestrial temperatures as indicated by fluctuations in tne sun's thermal radiation, 340
Newbold, Greek theories of sound and consonants, 300
New York Academy of Sciences, invitation to the two hundredth anniversary of the birth of Linnæus, 300

O

Obituary Notice of Albert Henry Smyth, 301, i
Officers and Councillors, election of, 1, 2
Ogburn, comparison of latitude observations at the Sayre and Flower observatories, 68, 165
Orders, groups of, two and four, 67, 146

P

"Pastorius," 359
Pennsylvania at the Jamestown Exposition, 62
Photography, astronomical, 68, 417
Pitcher plants, East Indian, 301
Plant nutriments, 66
Poisoning, occupational, 64
President's annual address, 360
Princeton University Archæological Expedition to Syria, 67, 182
Psychology, clinical, 65

R

Rat, growth of the albino, as compared with that of man, 359
Reale Istituto d'Incoraggiamento di Napoli, invitation, 1
Reproduction, animal life cycles and the biological unit, 62
Retardation, mental and moral, 360
Rosengarten, early French members of the American Philosophical Society, 66, 87
—— obituary notice of Albert H. Smyth, 301, i
Royal Academy of Sciences of Sweden, invitation to the two hundredth anniversary of the birth of Linnæus, 65

S

Santa Cruz Typotheria, 67
Schelling, Elizabethan and Jacobian college dramas, 66
Scott, restorations of Santa Cruz mammals, 67
Sea, narratives of the walking on the, 66, 80
See, earthquakes and mountain formation, 359, 369
—— temperature, secular cooling, and contraction of the earth, 67, 191
Seventh International Zoological Congress, invitation from the, 63, 300
Shadows, influence of imperceptible, on the judgment of distance, 66
Sinclair, Santa Cruz Typotheria, 67
Smith, A. J., mosquitoes as bearers of disease, 64
—— E. F., new derivatives of columbium, 301
—— electro-analysis, 66
Smithsonian Institution, announcement of appointment of C. D. Walcott as Secretary of, 63
Smyth, Albert Henry, biographical notice of, 301, i
Solutions, the association theory of, 67, 138
Sound and consonants, Greek theories of, 300
Stars, two remarkable double, 69
Stercornithes, or fossil birds of Patagonia, 67

T

Thomson, progress of the Isthmian Canal, 67, 124
Titchener and Pyle, influence of imperceptible shadows on the judgment of distance, 66, 94
Transportation crises, 67

Tribes of Western Australia, languages of some, 360, 361

U

United Engineering Society, invitation to dedication of its new building, 65
University of Aberdeen, acknowledgment from, 63
University of Upsala, invitation to two hundredth anniversary of the birth of Linnæus, 63

W

Walcott, appointed Secretary of the Smithsonian Institution, 63
Water, action of, upon metals, 66, 110
Wiley and Schreiber, synthetic alcohol, 67, 117
Willis, continental development, 68
Wilson, delegate to fiftieth anniversary of Michigan Agricultural College, 64
Witmer, clinical psychology, 65
—— mental and moral retardation, 360